

SUMMARY OF LETTERS OF INTEREST SUBMITTED TO NOAA				
Name	Institution	Email address	Title/Subject	Co-Authors
Baskaran, Mark	Wayne State U.	baskaran@chem.wayne.edu	Reconstruction of contaminant and particulate organic carbon fluxes	Sathy Naidu, UAF
Beaulieu, Stace	Woods Hole Oceanographic	stace@whoi.edu	Benthic response to the summer input of phytodetritus in the western Arctic	Kenneth Smith, SIO
Belkin, Igor	U. Rhode Island	ibelkin@gso.uri.edu	Exploration of ocean fronts in the Arctic Seas	Alexander Soloviev, Nova Southeastern U.
Bellingham, James	MBARI	jgb@mbari.org	Monitoring Arctic Ocean Hydrography Using AUVs	Nicole Tervalen, MBARI
Bengtson, John	NOAA/NMFS	john.bengtson@noaa.gov	Research on pinnipeds and cetaceans, including satellite tagging	
Brooks, Steve	NOAA/Air Resources Laboratory	brooks@atdd.noaa.gov	Chemistry of mercury species in the atmosphere, depositing materials, and snowpack	Steve Lindberg, ORNL, and Karen Scott, U. of Manitoba
Clough, Lisa	East Carolina U.	cloughl@mail.ecu.edu	Spatial distribution of epifauna, especially in canyons, their contribution to carbon remineralization, and growth patterns in relation to climate change	William Ambrose
Crane, Kathy	Hunter College	kcrane@tidalwave.net	Exploration for gas hydrates, their contribution to Arctic slope instability, methane exchange between seafloor and surface, and controls on the genesis of micro- and macro-chemosynthetic biota	Joan Gardner, NRL; Gerogiy Cherkashov, VNIIOkeangeologie; Keith Loudon, Dalhousie; Dandy Sloan, Colo. School of Mines; John Hildebrand, SIO; Andrey Gebruk, Shirshov Institute of Oceanology; Nikoli Pimenov, Institute for Microbiology; Lena Markasheva, Zoological Institute
Deming, Jody	U. Washington	jdeming@u.washington.edu	Isolate and culture environmentally unique microorganisms from sub-zero deep-sea waters, sediments or animal specimens from deep Arctic basins	
Edwards, Margo	U. Hawaii	margo@soest.hawaii.edu	Optical and acoustic sensors for mapping shallow and deep marine environments, exploring submarine glacial features	Leonid Polyak, Ohio State U.
Gradinger, Rolf	Univ. of Alaska	rgradinger@ims.uaf.edu	Habitat usage and population dynamics of under-ice fauna	Bodil Bluhm
Grebmeier, Jackie	U. Tennessee	jgrebmei@utk.edu	Benthic faunal population structure and biomass, sediment geochemistry, benthic carbon cycling in several Arctic regions	
Guest, Peter	Naval Postgraduate School	pguest@nps.navy.mil	Interactions of atmosphere and ice (winds, radiation, temperature, humidity); photo documentation of visual atmospheric phenomena	
Guo, Laodong	U. Alaska	guol@iarc.uaf.edu	Effects of recent Arctic climate changes on flux of carbon to the Arctic Ocean from terrestrial sources and subsequent transport and fate	Igor Semiletov, Pacific Oceanological Institute
Hollibaugh, James	U. Georgia	aquadoc@arches.uga.edu	Distribution and ecophysiology of ammonia oxidizing bacteria	
Hopcroft, Russell	U. Alaska	hopcroft@ims.uaf.edu	Midwater exploration of the Arctic, including crustaceans, gelatinous herbivores and predators	Bruce Robison, MBARI; March Youngbluth, HBI; Kevin Raskoff, MBARI

Hopke, Philip	Clarkson Univ.	hopkepk@clarkson.edu	Atmospheric particles and particle chemistry in remote Arctic areas	Alexandre Pollisar, Clarkson
Hubbard, Joanna	Anchorage School District	jmh_tk@yahoo.com	Science education for K-12, design a unified education program	
Jewett, Stephen	UAF	jewett@ims.uaf.edu	Evaluate heavy metal uptake by sentinel deposit and suspension feeding benthos, especially in Hope Basin and S.S. Chukchi Sea	
Lupton, John	NOAA/PMEL	lupton@pmel.noaa.gov	Hydrothermal processes in the Arctic Ocean, water column and seafloor studies, and computer modeling of circulation related to hydrothermal processes	Ed Baker, Robert Embley, Bill Lavelle of PMEL; David Butterfield and Joe Resing of Univ. Washington; Bill Chadwick of Oregon State U.
MacDonald, Ian	Texas A&M U.	ian@gerg.tamu.edu	Photo documentation of benthic organisms from ROV and installed benthic observatory, gas hydrate collection, sampling for analysis of persistent organic pollutants	
Meehan, Rosa	Dept. Interior/Fish Wildlife Ser	rosa_meehan@fws.gov	Visual and digital video surveys for polar bear and walrus distribution, age structure of walrus population	
Minnett, Peter	RSMAS, U. Miami	pminnett@rsmas.miami.edu	Surface heat budget, use of satellite remote sensing, air-sea exchange, clouds	
Muenchow, Andreas	U. Delaware	muenchow@newark.cms.udel.edu	Use of ADCP to explore Arctic circulation, coupling of circulation studies with acoustic information in studies of marine mammals	
Perovich, Donald	DOD/CRREL	perovich@crrel.usace.army.mil	Survey physical state and properties of sea ice cover, using helicopter and surface surveys, deploy autonomous ice-mass buoys	Walter Tucker and Jackie Richter-Menge of CRREL
Polyak, Leonid	Ohio State U.	l_polyak@hotmail.com	Arctic marine and glacial geology and paleoceanography, sonar and ROV studies of glacial features	Margo Edwards of U. Hi.
Semiletov, Igor	Pacific Ocean. Inst. Russia	igorsm@iarc.uaf.edu	Carbon cycling in the Arctic atmosphere-land-shelf system, CO2 and CH4 fluxes	
Sohn, Robert	Woods Hole Oceanographic	rsohn@whoi.edu	Under-ice AUV perform Arctic trials, evaluate sensors/payloads including side-scan sonar and methane sniffer	Hanuman Singh, WHOI; Sparr Webb, Columbia/LDEO
Soreide, Nancy	NOAA/PMEL	nns@pmel.noaa.gov	In consultation with scientists, develop multi-media and web-based presentations of Arctic exploration achievements, provide for real-time data access, develop 3D and VR presentations	
Stevens, Bradley	NOAA/NMFS	Bradley.G.Stevens@noaa.gov	Structure and distribution of Arctic benthic communities, especially focus on crab species, investigate cultural resources (ship wrecks) for artifacts	
Stoecker, Dianne	U. Md/Horn Point Lab	stoecker@hpl.umces.edu	Biodiversity, evolutionary biology, and physiological ecology of psychrophilic phototrophic and heterotrophic protists, using traditional and genetic analyses of natural communities and cultured isolates.	Rebecca Gast, WHOI; David Caron, U. South. California
Tikku, Anahita	Columbia U.	ani@ldeo.columbia.edu	Combined application of satellite altimetry and side-scan and sub-bottom profiling to study complex topography (canyons, ice scouring)	David McAdoo, NOAA/NESDIS
Trefry, John	Florida Inst. Of Technology	jtrefry@fit.edu	Tracing riverine water and sediment transport off the continental shelf, search for cold seeps	

Vecchione, Michael	Smithsonian Institution	vecchione.michael@nmnh.si.edu	Taxonomic investigation of faunal specimens from the Arctic	
Wanninkhof, Rik	NOAA/AOML	wanninkhof@aoml.noaa.gov	Ocean carbon cycle, effect of loss of ice cover on carbon fluxes, CO2 concentrations in Arctic water column	Dick Feely, NOAA/PMEL
Whitledge, Terry	U. Alaska	whitledge@ims.uaf.edu	Full water column sampling for standard parameters, pigments. Collaboration with plankton investigators for uptake, growth, excretion studies	
Yager, Patricia	U. Georgia	pyager@arches.uga.edu	Distribution and fate of methane hydrates, microbial methane oxidation	Samantha Joye, U. Ga.